

Message

From: Mooney, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3ACDC64B498442D487DFD543A9C4D40A-JMOONE02]
Sent: 7/24/2017 3:33:05 PM
To: Aburano, Douglas [aburano.douglas@epa.gov]; Blakley, Pamela [blakley.pamela@epa.gov]
Subject: FW: Quick Review - 2016 Ozone Design Values - Footnote added to Table 5
Attachments: Ozone_DesignValues_20142016_FINAL_07_12_17__Table5_AddedFootnote.xlsx

Importance: High

So, am I to understand that 4 of our states account for 15/55 (27% of national total) data errors that affect ozone design values?

Do we think any more of these will go away? What are the program implications for us?

From: Naess, Liz
Sent: Monday, July 24, 2017 9:53 AM
To: Palmer, Darren <Palmer.Darren@epa.gov>; Jager, Doug <Jager.Doug@epa.gov>; Regehr, James <Regehr.James@epa.gov>; Thompson, Alysha <Thompson.Alysha@epa.gov>
Cc: Weinstock, Lewis <Weinstock.Lewis@epa.gov>; Papp, Michael <Papp.Michael@epa.gov>; Wells, Benjamin <Wells.Benjamin@epa.gov>; Rice, Joann <Rice.Joann@epa.gov>; Arnold, Anne <Arnold.Anne@epa.gov>; Benjamin, Lynorae <benjamin.lynorae@epa.gov>; Bray, Dave <Bray.Dave@epa.gov>; Chow, Alice <chow.alice@epa.gov>; Compber, Michael <compber.michael@epa.gov>; Conroy, David <Conroy.Dave@epa.gov>; Daly, Carl <Daly.Carl@epa.gov>; Davis, Michael <Davis.Michael@epa.gov>; Donaldson, Guy <Donaldson.Guy@epa.gov>; Fallon, Gail <fallon.gail@epa.gov>; Fernandez, Cristina <Fernandez.Cristina@epa.gov>; Judge, Robert <Judge.Robert@epa.gov>; Kurpius, Meredith <Kurpius.Meredith@epa.gov>; Lakin, Matt <Lakin.Matthew@epa.gov>; Mooney, John <Mooney.John@epa.gov>; Morales, Monica <Morales.Monica@epa.gov>; Rinck, Todd <Rinck.Todd@epa.gov>; Ruvo, Richard <Ruvo.Richard@epa.gov>; Stanton, Marya <Stanton.Marya@epa.gov>; Suzuki, Debra <Suzuki.Debra@epa.gov>; Tapp, Joshua <Tapp.Joshua@epa.gov>; Verhalen, Frances <verhalen.frances@epa.gov>; Worley, Gregg <Worley.Gregg@epa.gov>
Subject: Quick Review - 2016 Ozone Design Values - Footnote added to Table 5
Importance: High

Hey all,

As you know we have been working with ROs to review ozone data that did not meet certain critical criteria. Thanks to Ben's analysis we were able to quickly identify data with potential issues. Regions and states have been doing a great job reviewing that data and correcting it as needed. We are about to post the 2014-2016 design values and there remain 55 monitors where the ozone DV would be affected if all the identified data were removed:

- 31 monitors which could have an incomplete DV after resolving QA issues
- 24 monitors which could have a lower 2014-2016 design value but still have complete data and a valid DV after resolving QA issues

After talking to our management, we have added the following footnote to Table 5 (monitor level information) to identify those monitors:

Data reported to AQS for this monitoring site do not conform to the critical quality assurance criteria in EPA's data validation template.

(https://www3.epa.gov/ttn/amtic/files/ambient/pm25/qa/APP_D%20validation%20template%20version%2003_2017_f or%20AMTIC%20Rev_1.pdf)

Therefore, the design value reported here for this monitoring site may not be valid. The EPA reserves the authority to use or not use monitoring data submitted by a monitoring organization when making regulatory decisions based on EPA's assessment of the quality of the data.

Attached please find Table 5 that has been filtered to show just the 55 monitors with the footnote in the following 16 states: Alaska, Arizona, California, Indiana, Kansas, Michigan, Minnesota, Nevada, New Jersey, New York, North Dakota, Ohio, Oregon, Tennessee, Texas and Wyoming. This data was pulled from AQS on June 22, 2017, so the table does not reflect any changes in AQS after that date.

The purpose of this email is to alert you of the change to Table 5 in the final DV table and confirm the applicability of the footnote. I know that some of the states provided a weight of evidence approach to accept the data identified by Ben. His analysis does not account for this. If there is a monitor that should not have this footnote because the RO has worked with state and confirmed that the data in AQS is valid based on that WOE, then please let Ben and I know by noon tomorrow (if not sooner). The DV tables will be posted as soon as we confirm the footnotes on the 55 monitors.

Please feel free to call me with any questions,
Thanks, Liz

Liz Naess, Ph.D.
Air Quality Analysis Group
U.S. EPA OAQPS/AQAD
Research Triangle Park, NC 27711
919.541.1892
2015 Air Trends Report:
<https://aispub.epa.gov/air/trendsreport/2016/>